ABSTRACT

An X-ray apparatus includes a rotary anode X-ray tube, a stator coil, and a drive-power-supply device. The rotary anode X-ray tube has an anode target arranged in a vacuum envelope, a rotary body coupled to the anode target and configured to rotate together with the anode target, and a fixed shaft supporting the rotary body, allowing the same to rotate. The stator coil generates a rotating magnetic field for rotating the rotary body of the rotary anode X-ray tube. The drive-power-supply device controls drive power to be supplied to the stator coil. The apparatus further includes a memory unit that stores a plurality of drive conditions for controlling the drive power to be supplied to the stator coil, and a control unit that selects one drive condition from the plurality of drive conditions and causes the drive-power-supply device to output drive power that matches said one drive condition.